



## UNITED STATES PATENT AND TRADEMARK OFFICE

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APPLICATION NUMBER	FILING OR 371 (c) DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
10/821,794	04/09/2004	Israel Morejon	09752.105001

20786  
KING & SPALDING LLP  
191 PEACHTREE STREET, N.E.  
ATLANTA, GA 30303-1763

CONFIRMATION NO. 9338  
FORMALITIES LETTER  
\*OC000000013080302\*  
\*OC000000013080302\*

Date Mailed: 06/28/2004

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

09/03/2004 HMEKONEN 00000061 110980 10821794

01 FC:1001 770.00 DA  
02 FC:1051 130.00 DA

**FILED UNDER 37 CFR 1.53(b)**

*Filing Date Granted*

**Items Required To Avoid Abandonment:**

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 770 to complete the basic filing fee for a non-small entity. If appropriate, applicant may make a written assertion of entitlement to small entity status and pay the small entity filing fee (37 CFR 1.27).*
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Replacement drawings in compliance with 37 CFR 1.84 and 37 CFR 1.121 are required. The drawings submitted are not acceptable because:
  - The drawings submitted to the Office are not electronically reproducible. Drawing sheets must be submitted on paper, which is flexible, strong, white, smooth, non-shiny, and durable (see 37 CFR 1.84(e)). See Figure(s) 4,6,8,9.

**SUMMARY OF FEES DUE:**

Total additional fee(s) required for this application is **\$900** for a Large Entity

- **\$770** Statutory basic filing fee.

- \$130 Late oath or declaration Surcharge.

Replies should be mailed to: Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria VA 22313-1450

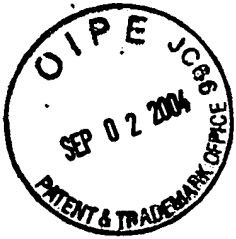
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*A copy of this notice **MUST** be returned with the reply.*

  
\_\_\_\_\_  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
)  
Israel Morejon et al. )  
) Art Unit: 2631  
Serial No. 10/821,794 )  
) Confirmation No.: 9338  
Filed: April 9, 2004 )  
) Examiner: Unassigned  
For: Method for Initialization of Per Tone )  
Frequency Domain Equalizer (FEQ) )  
Through Noise Reduction for )  
Multi-Tone Based Modems )

**TRANSMITTAL OF MISSING PARTS AND FILING FEE**

Mail Stop Missing Parts  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

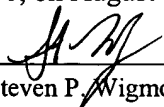
August 30, 2004  
(Monday)

Sir:

In response to the Notice of Missing Parts mailed June 28, 2004, the undersigned attorney for applicant hereby transmits:

1. three (3) executed Declaration and Power of Attorney forms for Applicant;
2. drawings (9-sheets) and letter to Official Draftsperson (1-page);
3. please charge \$900.00 to Deposit Account 11-0980 to cover the basic filing fee and the surcharge for the late filing of these parts. A duplicate copy of this transmittal is attached; and

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Missing Parts, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on August 30, 2004.

  
Steven P. Wigmore, Reg. No. 40,447

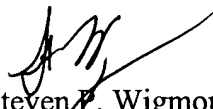
4. a duplicate copy of Notice to File Missing Parts of Application—  
Filing Date Granted.

The filing fee is calculated as follows:

				SMALL ENTITY		LARGE ENTITY	
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE	
BASIC FEE				\$385		\$770	
TOTAL CLAIMS	16- 20 =		x9 =		x18 =	0	
INDEP. CLAIMS	2- 3 =		x43 =		x86 =	0	
MULTIPLE DEPENDENT CLAIM PRESENTED			+145 =		+290 =		
LATE-FILING SURCHARGE			+ 65 =		+130 =	130	
FOREIGN LANGUAGE SURCHARGE			+130=		+130 =		
			TOTAL		TOTAL	\$900	

It is believed that the submission of these papers and this payment completes the filing of all necessary papers and it is therefore respectfully requested that the application be passed to the appropriate examining group for action on the merits.

Respectfully submitted,

  
Steven P. Wigmore  
Reg. No. 40,447

King & Spalding, LLP  
45<sup>th</sup> Floor  
191 Peachtree Street, N.E.  
Atlanta, Georgia 30303  
404.572.4600  
K&S Docket: 09752.105001



PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
	)	
Israel Morejon et al.	)	
	)	Art Unit: 2631
Serial No. 10/821,794	)	
	)	Confirmation No.: 9338
Filed: April 9, 2004	)	
	)	Examiner: Unassigned
For: Method for Initialization of Per Tone	)	
Frequency Domain Equalizer (FEQ)	)	
Through Noise Reduction for	)	
Multi-Tone Based Modems	)	

**SUBMISSION OF FORMAL DRAWING - LETTER TO OFFICIAL DRAFTSPERSON**

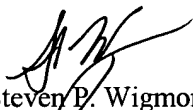
Commissioner for Patents  
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P. O. Box 1450  
Alexandria, VA 22313-1450

August 30, 2004  
(Monday)

Sir:

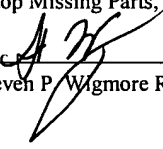
Responsive to the Notice to File Missing Parts mailed June 28, 2004, Applicant encloses herewith nine (9) sheets of formal drawings. These replacement formal drawings do not contain any new matter. Please substitute the originally filed drawings with these replacement drawings.

Respectfully submitted,

  
Steven P. Wigmore  
Reg. No. 40,447

KING & SPALDING, LLP  
45<sup>th</sup> Floor, 191 Peachtree Street, N.E.  
Atlanta, Georgia 30303  
404.572.4600  
K&S Docket: 09752.105001

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner of Patents, Mail Stop Missing Parts, P. O. Box 1450, Alexandria, VA 22313-1450, on August 30, 2004.

  
Steven P. Wigmore Reg. No. 40,447